

[54] **BIAXIALLY STRETCHED POLYESTER FILM
FOR FORMING CONTAINER AND METHOD
OF PRODUCING THE FILM**

[75] Inventors: Masahiro Kimura; Kohzo Takahashi,
both of Shiga; Hiroji Kojima, Osaka;
Koichi Abe, Kyoto, all of Japan

[73] Assignee: Toray Industries, Inc., Japan

[21] Appl. No.: 08/983,054

[22] PCT Filed: May 15, 1997

[86] PCT No.: PCT/JP97/01630

§ 371 Date: Jan. 26, 1998

§ 102(e) Date: Jan. 26, 1998

[87] PCT Pub. No.: WO97/43332

PCT Pub. Date: Nov. 20, 1997

[30] **Foreign Application Priority Data**

May 16, 1996	[JP]	Japan	8-121519
Aug. 29, 1996	[JP]	Japan	8-229018
Feb. 5, 1997	[JP]	Japan	9-022489

[51] Int. Cl.⁶ B32B 7/12; C08F 20/00;
C08G 63/02

[52] U.S. Cl. 428/339; 528/275; 528/298;
528/302; 528/308; 528/308.6; 528/502;
525/444; 524/731; 428/35.7; 428/333; 428/338

[58] Field of Search 528/275, 298,
528/302, 308, 308.6, 502; 525/444; 524/731;
428/35.7, 333, 338, 339

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,683,060	8/1972	Tanabe et al.	264/289
5,106,681	4/1992	Endo et al.	428/323
5,337,174	8/1994	Wada et al.	359/73
5,698,309	12/1997	Dallmann et al.	428/323
5,783,120	7/1998	Ouder Kirk et al.	264/1.34

Primary Examiner—Samuel A. Acquah
Attorney, Agent, or Firm—Austin R. Miller

[57] **ABSTRACT**

A biaxially stretched polyester film for forming a container, characterized by being formed of a polyester substantially consisting of an ethylene terephthalate unit and an ethylene naphthalate unit, the refractive index in the direction of thickness of the film being 1.5 or greater. This film is not only excellent in the formability during formation into cans or the like, but has excellent properties in taste property, particularly, the taste property after the retorting, and may be suitably used for containers produced by forming process and, particularly, for metallic cans.

21 Claims, No Drawings

FOIEO 16502860